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AT BE CH DE DK ES FR GB GR IT LI LU NL SE(33) Applicant: KABUSHIKI KAISHA HAYASHIBARA
SEIBUTSU KAGAKU KENKYUJO
2-3, 1-chome, Shimotsuji,
Okayama-shi Okayama(JP)(23) Inventor: Hijiiya, Hiromi
90-2 Koyama
Okayama-shi, Okayama(JP)
Inventor: Miyake, Toshio
7-10-40S, 1-chome Okuda
Okayama-shi, Okayama(JP)(24) Representative: Pendlebury, Anthony et al
PAGE, WHITE & FARRER 54 Doughty Street
London WC1N 2LS(GB)

(34) Alpha-Glycosyl hesperidin, and its preparation and uses.

(35) α -Glycosyl hesperidin, a novel hesperidin derivative wherein equimolar or more D-glucose residues are bound to hesperidin via the d-bond, is formed by a saccharide-transferring enzyme in a liquid containing hesperidin and α -glucosyl saccharide. The α -glycosyl hesperidin is easily recovered from the reaction mixture with a synthetic macroporous resin. α -Glycosyl hesperidin is superior in water-solubility, substantially tasteless and odorless, free of toxicity, and readily hydrolyzable *in vivo* into hesperidin and D-glucose to exhibit the physiological activity inherent to hesperidin. Thus, α -glycosyl hesperidin is favorably usable in vitamin P-enriching agents, foods, beverages, tobaccos, foods, pet foods, pharmaceuticals for susceptive diseases, cosmetics and plastics.

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